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PATENT  
TECH CENTER 1600/2900  
JUL 15 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Atty. Dkt. No. 00.05.12.1  
Steven B. Laramay and ) Art Unit 1617  
John H. Schneider )  
Serial No. 09/770,931 ) Examiner Gina C. Yu  
Filing Date: January 26, 2001 )  
Title: ) Duncan, Oklahoma 73534  
**ENCAPSULATED COMPOSITIONS** )  
) July 8, 2003

RESPONSE TO OFFICE ACTION

Commissioner for Patents  
P.O. Box 1450 3  
Alexandria, Virginia 22213-1450

Sir:

This is in response to the Office Action mailed May 12, 2003.

CURRENT CLAIM STATUS

Claims 1-15 (canceled)

Claim 16 (currently amended) An article of manufacture comprising a capsule and a first  
chemical composition, said capsule having a hollow interior and an enclosing membrane wall  
having an interior surface and an exterior surface, wherein said first chemical composition is  
enclosed within said hollow interior of said capsule;

said membrane is permeable to water and aqueous solutions, but is not soluble in  
aqueous liquids, and includes at least a first material comprised of a polyurethane-vinyl polymer  
dispersion prepared by the simultaneous polymerization of a vinyl monomer and chain  
extension of an isocyanate-terminated polyurethane pre-polymer in the presence of water to  
thereby form a urethane/vinyl hybrid polymer; and